



HFT Prop Firm EA MT4

1. Introduction

HFT Prop Firm EA is a EA designed to pass evaluation of proprietary trading firm challenges that allow use of High Frequency trading technique.

HFT Prop Firm EA is able to hit profit target within a short period of days with very low drawdown. In some cases, profit target of 1 phase can be achieved within 1 trading day. We use special AI HFT strategy that detect large movements and employ stop loss to protect your equity. It has build-in equity protector and a notifier which send you a notification on your mobile MetaTrader app when it hit profit target.

It comes with a power profit based money management strategy, this unique features enable you to reach challenge profit target faster without incurring extra high drawdown, we call it Profit Ratio Money Management (PRMM). This bot starts working in late Asian trading session to late New York Session, possibly make 100% profit on prop firm HFT evaluation account and able to pass prop firm HFT evaluation account with less then 1 hour.

Points to note:

- Use of VPS is necessary. Latency less then 20ms is ok, however, latency with 5 or less then 5msec is highly preferred. The lower the latency, you will be able to meet your profit target sooner.
- Symbol: US30 (DJ30, WS30), GER30 (DE30) or other indices which your prop firm offers. US30 setfiles is provided upon purchase activation of the EA.
- This is NOT a martingale EA, NOT a grid EA. It opens one trade at 1 time only, it close a trade before opening another one.
- HFT Prop Firm EA is intended to use to pass HFT prop firm evaluations and challenges, it is NOT tested to work with other type of challenges, funded prop firm account nor live/real broker accounts

2. List of Known HFT Prof Firm tested with HFT Prop Firm (updated on 14/11/2023)

Next Step Funded (2-Steps HFT Challenges)

Website: <https://shorturl.at/ryl47>

Support Email: support@nextstepfunded.com

Infinity Forex Funds (HFT Limited/Algo, 10% discount code: P5Net10, Do not signup Standard Challenges)

Website: <https://tinyurl.com/37jpc43m>

Support Email: support@infinityforexfunds.com

Do not signup Standard Challenge, signup only HFT

Nova Funding (1-Step MT4, tested with HFT Prop Firm EA and passed, 5% Discount: ADZ5, MECMX)

Website: <https://shorturl.at/kGNWY>

Support Email: support@nova-funding.com

Quantec Trading Capital (One Step Challenge MT4, 10% discount code: P5Net10)

Website: <https://shorturl.at/plT17>

Support Email: Support@Quantectrading.com

Their margin is small, you cannot use big lot size and thus cannot hit profit target fast. Not recommended for the impatience.

Kortana Fx (15% Discount: TRADEKORTANA, KATIA10DTO, FUFEX, DEC15)

Website: <https://shorturl.at/chnGR>

Support Email: hello@kortanafx.comail

Fast Forex Trading (They allow HFT for their challenges, 7.5% discount)

Website: <https://shorturl.at/BDER8>

Support Email: support@fastforexfunding.com

ProTrade Funded (New Firm, I have not receive funded account yet, Both Plans allow HFT Challenge, discount code: INTSANT 16%)

Website: <https://shorturl.at/sylVW>

Support Email: support@protradefunded.com

And these newly added:

Genesis Forex Funds

The Talented Traders (1-Step Only)

I put the discount code up there for your convenience, if you find it not working, you may write to the respective prop firm support to ask for other discount codes.

***** Check the prop firm rating at <http://www.trustpilot.com> and other sites before you sign up with them.

***** Check out the rules, clauses, and contract of each prop firm before you sign up by visiting their websites. If you have questions, you may want to send them a email.

***** Do your diligence checks on prop firms before you signup with them.

***** If a prop firm as both HFT and non-HFT challenge, you have to signup HFT challenge for HFT Prop Firm EA to work. ← read

***** Think Market Demo server add a lot of slippage, they are not true HFT server, do not signup prop firm that uses ThickMarket Demo.

3. VPS

Fast VPS is needed. 30ms or less latency is ok for most cases or prop firm, 10ms or less latency is highly recommended.

FXVM is highly recommended, if your broker server is in New York, choose New York location server, if your broker server is in London, choose London when you signup with FXVM. **Note:** Choose New York as the location no matter where you are located, for the Prop firms I listed above.

FXVM is giving 7 days full function trial at \$0.99 for new signup and plus 30% discount code with (**CODE30**) when you sign up with this link: %

<https://fxvm.net/?aff=51050>

Which VPS at FXVM?

Type: FXVM Lite VPS

OS: Windows Server 2016

Location: New York location (Choose this location no matter where you are located, for the Prop firms I listed above).%

You may use your choice of VPS Providers too, as long as the ping is 30ms or less.

4. EA Settings

Note: When you use the set files for the prop firm, only 2 parameter you need to change is Fixed Lot Size and Magic Number. Read Section 5 on how to use the set file

Money Management Mode (Fixed Lot Size or Profit Ratio Money Management)

-----Fixed Lot-----

Fixed Lot Size

-----Profit Ratio Money Management (PRMM)-----

Prop Firm Account Size (Account size of your prop firm account)

Minimal Profit in % to start Profit Ratio (At which percentage of profit PRMM starts)

Lot Size increase per 1000\$ of profit; (use half of the figure of Fixed Lot Size)

=====Account Management=====

Pause EA when Today Max Drawdown hit (Drawdown of the day to pause EA when reach profit in \$)

It is unusual that the DD will be hit. If it ever hit, it could be one of the reason: 1) You signed up a non HFT challenge 2) You are using a broker server that has high slippage 3)Your VPS latency is too high. 4)Wrong symbol used 5)And maybe others

Stop EA when Account Balance achieved (Account Balance to stop EA when reach profit target in \$)

=====Trades=====

Max Spread (Max Spread this EA start to work)

Magic Number

=====SL, TP and Trailing Stop=====

Stop Loss (Point)

Take Profit (Point)

Trailing Stop (point)

Trailing Step (point)

Trailing Start Above Breakeven (point)

=====Strategy=====

Use EMA as Trend Confluence (True or False)

EMA Period (3 to 50)

Surge Offset (above 20)

Range Level (above 35)

Gap for Surge (2 to 5)

When appears beside Range Level and Surge Offset , means current market conditions is not suitable for the EA, the EA will wait till the right condition to open trade and by then there is no at the display.

OpenWait (0 to 20, 1 is fastest, the parameter to control when to open the next trade)

OpenSpeed (1 to 20, 1 is fastest, 1 to 2 may be too fast for your broker server, this should be avoided)

If servers warn hyperactivity or Over-Request, change OpenSpeed to 12 to 20, change OpenWait to 5 to 20, Surge Offset to 40 and Range Level to 50. By doing so, you can expect less trades, taking a long time to hit the profit target.

=====Day and Time Restriction=====

-----Filter By-----

This setting is introduced in Revision 2.600 and above. This setting filter slow market and does not open trade when market is slow, this usually happens in before New York Session, and if market happens to be fast at anytime of the day, it will open trades. This setting is good for opening of trades at New York Session. Filter by Slow Market is default in Setfiles and EA now.

Filter by Slow Market (If market is slow, this EA will not open trade)

Filter by Time (If time is not within the allowed range, this EA will not open trade)

Filter By Time and Slow Market (The above 2 restrictions)

Filter by Market level: 8

-----Time Allow-----

Time to use HFT Prop Firm EA is best around London Session into Late USA session, 4 hours before market close. The Time here refers to the broker server time, which you can check on the chart which you have loaded HFT Prop Firm EA or you can find the time in Market Watch.



Symbol	Bid	Ask
US30	34663.26	34664.86
GER30	15804.52	15806.72
FRA40	7284.46	7285.66
HK50	18119.76	18127.36

Start From Hour (Hour to start the EA)

Start From Minute (Minute to start the EA)

End at Hour (Hour to end the EA)

End at Minute (Hour to end the EA)

-----**Day Allow**-----

Allow Monday

Allow Tuesday

Allow Wednesday

Allow Thursday

Allow Friday

Allow Saturday

Allow Sunday

About Common Inputs Dependencies

Variable	Value
-----Money Management-----	
Money Management Mode	Fixed Lot
Fixed Lot	-----
Fixed Lot Size	0.01
-----Profit Ratio Money Management (PRM)-----	
Prop Firm Account Size	200000.0
Minimal Profit in % to start Profit Ratio	1.0
Lot Size increase per 1000\$ of profit	0.25
-----Account Management-----	
Pause EA when Today Max Drawdown hit	500.0
Stop EA when Account Balance achieved	220500.0
-----Trades-----	
Max Spread	160.0
Magic Number	169650
-----SL, TP and Trailing Stop-----	
Stop Loss (Point)	15.0
Trailing Stop (point)	20.0
Trailing Step (point)	10.0
Trailing Start Above Breakeven (point)	5.0
-----Strategy-----	
Use EMA as Trend Confluence	false
EMA Period	5
Surge Period	7
Surge Offset	25.0
Range Level	20.0
Gap for Surge (point)	2
OpenSpeed (1 to 20, 1 is fastest)	2.0
-----Day and Time Restriction-----	
-----Time Allow-----	
Start From Hour	9
Start From Minute	0
End at Hour	22
End at Minute	59
-----Day Allow-----	
Allow Monday	true
Allow Tuesday	true
Allow Wednesday	true
Allow Thursday	true
Allow Friday	true
Allow Saturday	false
Allow Sunday	false

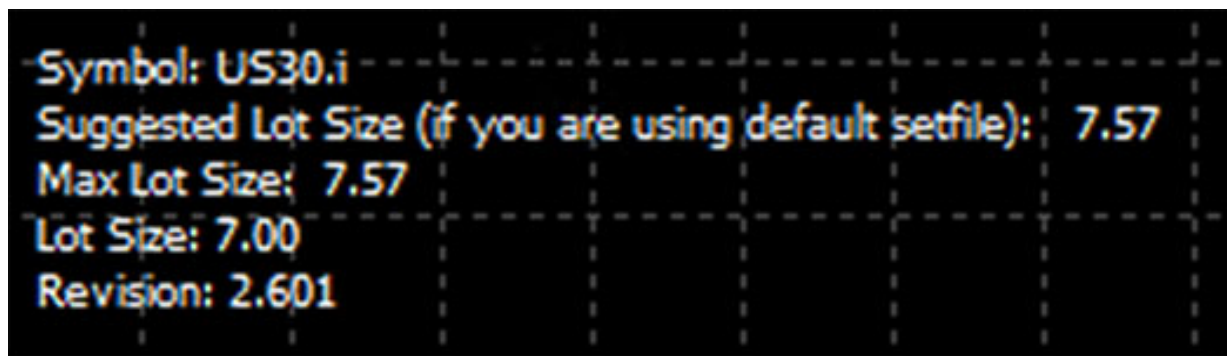
Load Save

OK Cancel Reset

5. How to set the EA with default setfiles?

Please follow the step:

- Select the set file to EA according to the Prop firm Name, symbol and timeframe (M1).
- Load into the EA
- Change the magic number to any unique numbers, any numbers you like, for example: 1, 65154 or 621 or just leave it as it is.
- Load the EA with the setfile.
- Start the EA. If you not sure about these, watch Video 2.
- Check if there is any ATTENTION wording on your chart, act according to the instructions on screen. Any ATTENTION warning is due to your improper setting, it is not the EA issue.
- When the EA starts to trade and have profits, increases the lot size towards **Max Lot Size** (see your VPS MT4 Chart) value in a few steps. For example, the starting lot size is 1 (from setfile), when you see profit, increase the lot size to 2, and when you see profit increase, increase the lot size to 4, and when you see profit increase, increase the lot size to 8 and finally the lot size of **Max Lot Size**.
- From revision 2.601, the screen suggests you what is the lot size to use based on the profit made at that time



Be expect to see number of tiny losses and a few huge profit and result in overall large profit amount.

If you see **Money Not Enough** warning, you have to reduce the lot size, the maximum lot size you can open depends on the leverage of the prop firm.

I have included US30 set files for Nova, IFF, FFF and QuanTech HFT Account Size, 25k, 50k and 100k and 200k in this zip. They have been set with smallest starting lot and you just need to increase the fixed lot size when you see your setup is correct as large profit factor.

Symbol

Dow Jones (USA30ix, US30.i, WS30, DJ30.p, US30). Note: Use USA30ix for Nove Funding.

Timeframe

M1

Take Note:

Adjusting lot size of the setfiles is the only thing you need to do when you load a challenge with correct Prop Firm and lot size set file.

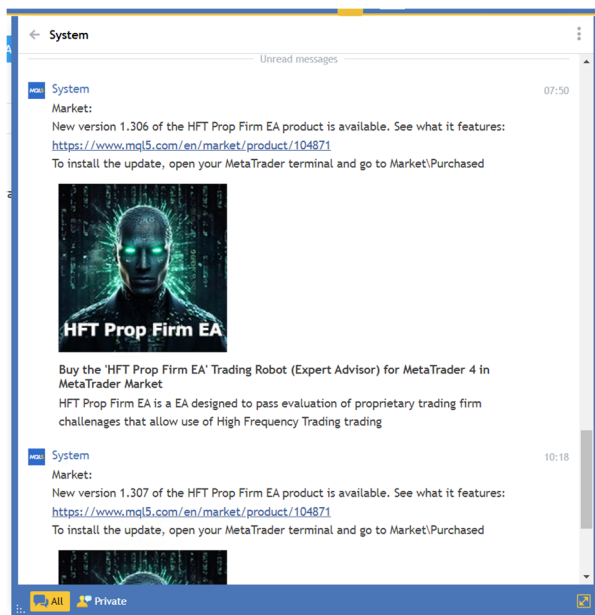
The EA when loaded with setfile that I gave you, it will run in London session to Late New York session, it does not run 24 hours.

Best time to run this EA is New York Session, I suggest you to run this EA with the setfile at New York session for better winrate and faster to hit profit target.

Check out for words of **ATTENTION** on chart screen, it offers solution at the side, solve those issue and your EA will run.

6. Update

Whenever I push an update or revision, MQL5.com will send you such message, it is important that you update your EA.



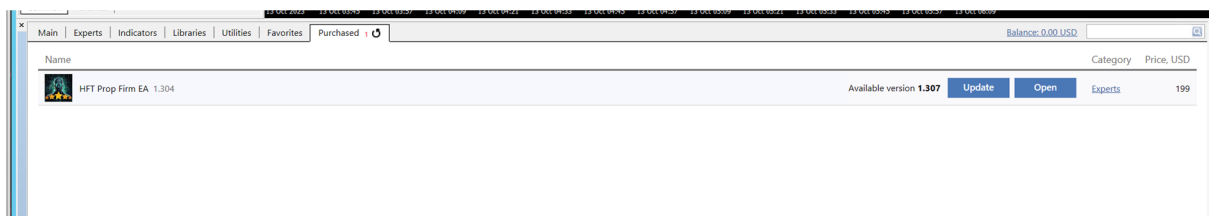
You can update your EA when it is not running a challenge, you may stop it when running.

To update your EA, first you have to login into MQL5.com community by MQL5.com ID and password:

Metatrader 4 at your VPS → Tools → Options → Community

And use of the method (Method B) to update:

Metatrader 4 at your VPS → Terminal → Market → Purchased → Update



Another method (Method A) is Metatrader 4 at your VPS → Navigator → delete HFT Prop Firm EA → Terminal → Market → Purchased → Install.

Both methods above do not expense an activation.

7. Frequently Ask Question:

Question 1: What are the brokers account I can try HFT Prop Firm EA on before using it on my prop firm account?

Answer: We have tested a few brokers demo accounts and found these 2 brokers demo to be close to prop firm HFT account behaviour. Eightcap brokers server behave differently from Eightcap prop firm server:

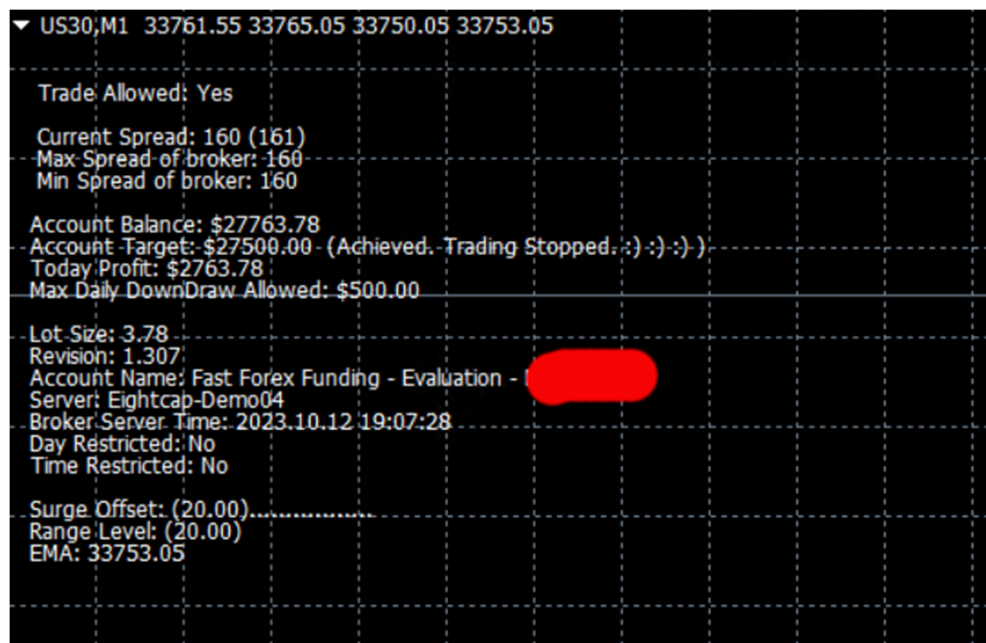
IC Markets: <https://icmarkets.com>

Fusion Markets: <https://fusionmarkets.com>

Use these 2 brokers RAW/ECN spread demo account for testing of HFT Prop Firm EA if needed.

There are many other brokers demo account which works like prop firm HFT account, not limited to the above 2. If you find your broker demo account does not have big profit factor, use one of the above 2 broker demo accounts. We do not support other broker demo account.

Questions 2: What are the ATTENTION and means in the display when I use default set files?



When you see ATTENTION beside a parameter, means the current value is out of the parameter. And if there is at least one ATTENTION, the EA will not open trades.

Check on the screen when you see ATTENTION, act on it according to what SOLUTION tells you.

**** If you are using set files provided by me, the only thing you should not see is ATTENTION beside Trade Allowed. You need to allow HFT EA to start by clicking on NT4→Tools→Options→Expert Advisor→Allow Automated Trading. Second place you need to Enable is to click on Auto Trading and third place you need to enable is top right corner, there is a smiley face, Experts→Properties→Common→Allow Live Trading

***** If you see ATTENTION beside Time Restricted, means now is still not the time the default set file will run.

**** If you see beside Surge or Range, the trading condition is not right yet.

*** If you still see ATTENTION and, the EA will run if the timing and conditions are right.

**** When use one of the set files I provide, you do not need to change any of the parameter, except to increase the load size to nominal value when you see profit.

**** If you still don't see any trade into late London, please read Section 5 again and again, make sure you load right set files for the prop firm and account size, right symbol and right timeframe. Don't expect trade to trade 24hours per day, it does only at London session starts when conditions are right and definitely will trade in New York session.

Questions 3: What is Profit Factor?

Answer: Profit factor is the sum of profits divide by sum of losses.

Question 4: Is Eightcap broker demo account works like a prop firm Eightcap evaluation account?

Answer: No, prop firm and broker can set different specification of demo account even though they use the same server. They can be set to have different spread, commission, slippage, mock filling and many others. If you use Eight Cap Broker Demo account to test this EA, you may not make profit, but it works very well with Prop Firm EightCap Demo Server.

Question 5: How do I know the spread of the symbol of my broker? What is the Max Spread value should I use in HFT Prop Firm EA?

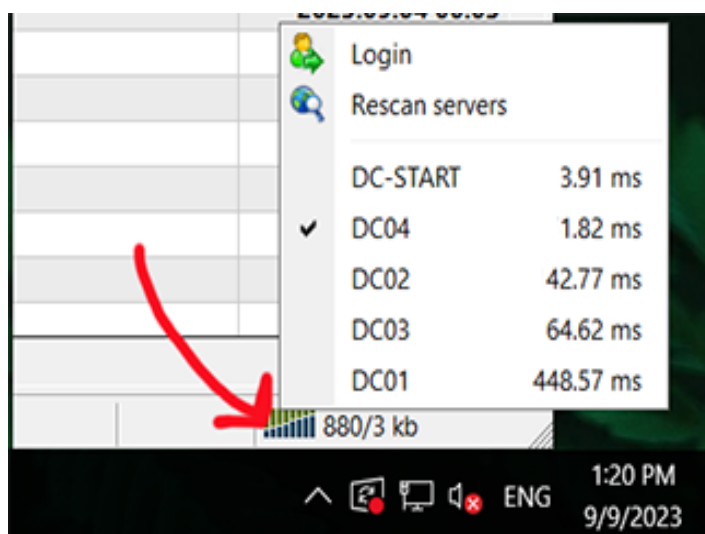
Answer: HFT Prop Firm EA display the maximum and minimum spread of a symbol of the period you load the EA. Use Min Spread of broker to set Max Spread in the EA setting. For example, Min Spread of Broker is 160 on the display, set 160 as Max Spread.

When ATTENSTION appears means the current spread is higher then the Max Spread and the EA will not open trade. When spread is lower and same as what you have set, HFT Prop Firm EA will then trade, when other conditions met. And read FAQ question 10 and 11.

Current Spread: 130 (120) (ATTENTION: Current Spread is h
Max Spread of broker: 130
Min Spread of broker: 130

Question 6: How can I tell how fast is my VPS to broker server.

Answer: Click on this, it will show the latency (ping) from your VPS to your broker server. Choose the fastest broker server.

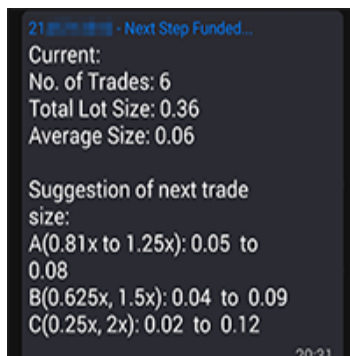


Question 7: My EA is not trading, what can I do?

Answer: Check on the chart display of what is displaying ATTENTION, solve what the ATTENTION tell you to do. Other than that, have to wait for trading condition/timing to be met.

Question 8: Is there anything I need to take note when trading in funded account?

Answer: You need to take note of lot size consistency, if you do not trade within the lot size of average 0.25x to 2x (this number may vary with different prop firm), those trades fall outside this range, the prop firm will not pay. To help my buyer to stick with the lot size consistency, I provide a free MT4 Lot Size Consistency Utility for free for those give reviews on HFT Prop Firm EA. And you need to visit your prop firm website to understand all rules before purchasing a challenge.



Such information is displayed at your desktop Metatrader 4 and send to your Mobile MT4/5 as notification, advising you what is the next trade lot size, so you can be consistent with prop firm rule.

Question 9: My prop firm send me a email saying the EA has over request daily target, what can I do?

Adjust these:

- OpenSpeed to 12 to 20
- OpenWait 5 to 20
- Surge Power to 40
- Surge Range to 50
- Increase the lot size to hit profit target faster

then you write to your prop firm, to tell them you have lower the request number. They will either resume your account or give you new password. This is no big deal, just that prop firm (particular Quantec) so called HTF server cannot take high frequency orders and this is part of high frequency trading.

By Increasing this parameter, you will have less trade and the EA will trade only when there is bigger liquidity.

Question 10: I am using default set files and the EA paused at hitting the drawdown, what can I do?

It is unusual that the DD will be hit. If it ever hit, it could be one of the reason:

- You signed up a non HFT challenge
- You are using a broker server that has high slippage
- Your VPS latency/ping is too high.
- Wrong symbol used
- And maybe others.

Check out any words of ATTENTION on your chart screen. You can approach me at MQL5.com chat with your **VPS MT4 chart screenshot**, if you are having such issue.

Question 11: I am using default set files and there no trade?

It could be one of the reasons:

- Make sure there is no **ATTENTION** display in the MT4 Chart. Look at the chart screen, it offers solution, you have to resolve this.
- **Update your EA.**
- The timing is not right. Just wait.
- Make sure you have login with your Master Password in your prop firm account, not investor password.
- Market is slow, see chart screen for this indication
- Look out of **TAKE NOTE** on the screen, it tell you what to expect.
- If you see on screen, just wait.
- You have run into over request/hyperactive, see FAQ question 9 for solution

Question 12: How many account can I pass with my purchase of HFT Prop Firm EA?

HFT Prop Firm EA comes with 7 activations and licensed to pass unlimited challenges

This is how activation in MQL5.com works. If a EA is sold with 7 activations, you can run it at 7 VPS/PC. You can install and uninstall within the same VPS and does not cost you an activation. 1 VPS can install unlimited number of MT4 terminals as long as your VPS hardware allows. 1 MT4 can pass unlimited number of HFT prop firm Challenges.

Hence HFT Prop Firm EA can run unlimited challenges with 1 time payment.

Question 13: My HFT challenge requires me to trade 10days, do I have to load HFT Prop Firm EA for 10days?

No,do not need to run HFT Prop Firm EA for 10days. You just hit profit target using HFT Prop Firm EA at first few hours or first 2 days. Then for the rest of the days, open with smallest lot size (0.01) and close the trade with a tiny profit or loss.

Question 14: How can I can get the free consistency lot size tool?

By leaving a review for HFT Prop Firm EA after you have passed, I am giving a free tool which monitor lot size consistency and send you lot size suggestion for you next lot. Lot size consistency is a very important criteria which prop firm use to determine a capable trader, this tool is very useful when someone trade on a funded account with consistency rule.

This tools will be given to you only after your pass and have left good review.

Question 15: How can I go back to Filter by Time Setting, that is before release 2.500?

Filter by Slow Market (If market is slow, this EA will not open trade)

Filter by Time (If time is not within the allowed range, this EA will not open trade)

Filter By Time and Slow Market (The above 2 restrictions)

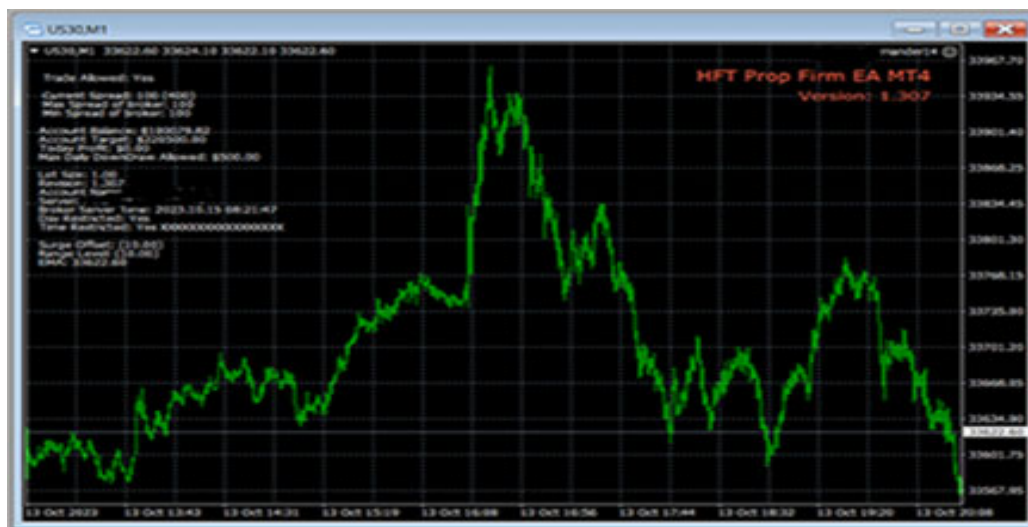
Select Filter by Time.

Be warned that when market is slow, there are many tiny losses.

Question 16: How/where can I get help?

Should you have question feel free to ask me. Before you approach me, please read this document thoroughly and make sure you are using or plan to use the above recommended prop firm or broker demo accounts. I am not able to provide support to other broker demo accounts in any case.

If you need help, send me your question AND a screenshot of your VPS MT4 chart full screen screenshot.



Other resources:

Metatrader 4 terminal of all brokers

<https://download.mql5.com/cdn/web/eightcap.ltd/mt4/eightcapltd4setup.exe>

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